HOLLIS, ND APOTHECABY,

DR. WARREN'S KER BITTERS. description uncolled for, is prime facis evidence of all testing them uncolled for, is prime facis evidence of experience has shown to be injurious to tread of the old hen. When the first chick such prime facis evidence of the such that the first chick such that the first chick is the such that the first chick is the such as the such as the first chick is the such as the such as the first chick is the such as the such

Sieneral Agenta. NTED,

he Cemeteries. IAN'S MAGIC

RENOVATOR.

CTURED BY CHEMICAL WORKS." arr At Boom &

N. MANR.

w, I Conquered.

MIENCE IN BOSTOM.

BARGAINS **ITURE** 

large stock of fashionable ITURE v Goods,

the lowest ...

BANCROFT. ington St. Boston.

elev Kellev T STREET,

(\$20 per day) to sel

NGHAM. PHYSICIAN,

can only be procured at joi?-536

MASSACHUSE

SPLOUGHMAN

FROM ST. LOUIS.

VOLUME XXX:::::NO. 47.

pumpkins and roots, and so avoid the neces-

articles from the field, like mangold leaves, The first subject in order to report upon is the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in order to report upon in the first subject in

orders his paper discontinued, he must cord to the publisher may continue to send in made, and corder the whole amount, in from the office or not.

We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze. We do not go against fall feedpringing of black pepper, or, over graze.

sity of en roaching on the fall feed to such Editor Massachusetts Ploughman.

and the lower and large leaves can be re-ided and the lower and large leaves can be re-inarrow limits, to keep them near their nests.

Is it decided yet which is the better grammar

an extent as to injure the field. Just at this time, for instance, if a farmer has plenty of in the Ploughman, I see you prefer to use

fodder corn growing, he can keep his cows out of the mowing lots. Later in the season, old way," but young America is inclined to

if still short of feed in the pastures, come shorten some of their long words, you know.

the roots, the pumpkins, and the variety of The promise was given to "report progress."

ber, without apparent injury to the crop. to say, the hen sits or sets! In due time the Besides, by beginning early to help out the chickens began to appear; some of them

pasture by some extra feeding the pasture strong and vigorous, others weak and puny,

grasses themselves get a start and come in and hardly able to take their first lesson in

but only against too close feeding, which and then one crushed under the careless

blessing, grazing too much stock and con- at by the nest judges, who took the case into

the art of eating without help. Good dough,

MASSACHUSETTS PLOUGHMAN

TOURNAL OF AGRICULTURE

Omeial Organ of the N. E. Agricultural Society.

at & 32 Sorth Market Street, Boston,

year, and where such a growth exists, graz- complain.

ing it down to a certain extent may be desi- Guano has been regarded as a very valu- ing to set.

DAUED WERKLY AT

BOSTON, SATURDAY ... UGUST 19, 1871.

WASSACHUSETUS PLONGGRMAN AND NEW-RNGLAND JOURNAL OF AGECULTURES --- HOSTON, SATELLIANT.

of longitude. The Kanson Pacific Railway OUR PARTRILGES OR QUAILS. Correspendence.

over in harvesting the crop of the succeeding as a manure, we shall have no resson to that would result in success. Ten out of every twelve of my Bramahs often are want-

The secretary was a series of the feature of the fe

Misgellaneous.

Market and the stand of the sta

iberality in employing Mr. R. S. Elliott, a gentleman of the highest qualifications, a their industrial agent. He has demonstrated The Ripening Grapes-Grape Culture Missouri-Wine as a Temperance Lec- the fact, that, up to within two hundred our gardens. Single plants sometimes attain turer-Kansas and Colorado-The Great miles of Denver, forest trees, grass, grains, Plain-Uncte Burt, the Stage Driver-St. &c., can be successfully grown without irrigation.

But the great plain directly east of Den-

Company have shown proper intelligence an

Correspondence of the Ploughman. OAKLAND COTTAGE, NEAR ST. LOUIS, There I passed beyond all signs of human or house will flower in July and August. even lower animal life. The vast plain This August sun has browned the skin and varmed the blood of the grapes in that vine- South, level and limitless as the ocean. As fire. The Rural New Yorker says: "Carry yard next to the lawn, where we tried to I sat and gazed upon the vast expanse of to the barn a good sized hot stone covered sleep one summer's afternoon a little less than a week ago; and where we couldn't sleep for waking up every few minutes to limits of vision to recall the scenes of life. feed for lambs should be from a fresh cow. talk about "Grant's Oak," just down in the No fence, no field, no farm, no house, no yard before us, and then about the grape culture in Missouri, and about the grape crop this season, and about a great many

Missouri has greatly increased. Americans BEAUTIFYING OUR FARM HOMES.

The never too proud to take a hint from others, and seeing our German neighbors which I must tell you as it carries its own created two and the other nearly three created two and three created two and the other nearly three created two and three created two and A man fortunate enough to own one or were making a good deal of money from moral. Uncle Burt, as he is called, is an ounces.

Jarmers Omnibus.

WHOLE NUMBER 1553.

- Mr. Henderson says that Salvia Splenene is perhaps the most gorgeous plant in a height of six feet, and nearly as much in like flower spikes: the color is so intens ver is now, and will be until it can be re- it is often visible at the distance of half a deemed, an absolute and unmitigated desert. mile. Seeds sown in April in the green-

-- Sometimes young lambs are so chilled stretched away the East, West, North and as to die before they can be estried to the prairie, I felt oppressed with a sense of utter with cloths, with one of these wrap up a loneliness. There was nothing within the little fe low and carry him in. Artificial

- The New Orleans Cresent says ther barn, no garden, no orchard, no vineyard, are about fifty sgriculturists in various parts no meadow veined with babbling brooks, no of Louisiana who have given their attention golden wheat, no growing corn, no forest to the cultivati n of the Ramie plant on an

A little incident occurred while I was at increased in weight less than half an ounce

GEO. W. BIDDLE. easurer New England Agricultural Se er, N. H., Aug. 11, 1871.

FARMERS OF NEW ENGLAND!

RE YOU READY FOR THE FAIR

MASSACHUSETTS PLOUGHMA AND NEW ENGLAND

ON THE PROPERTY OF THE

In-Concord and Claremont-Contococok Valley and Branch—Vermont Central—Commecticut and Worcester—Providence presenter—New London and Worthern—Boston, Concord and Montreal—Boston, Concord and

Dauntless, it is said, has cost her owner, Mr. fore proceeding to further hostilities. Bennett, \$150,000. The largest of them

change of many courtesies between the two through Hadley and Amberst—and that a ber attention more assiduously to her labors. clubs and our citizens. The Boston club rebond for the completion of the road within a feer attention more assiduously to her labors. After the lapse of several years, Griswold ceived the New Yorkers on Friday, in the a given time should also be filed. When a lay dying in poverty and almost friendless, harbor was a scene of lively interest. On towns have conditioned their subscriptions, Saturday the Eastern entertained the New all work must of course be suspended until York club at Taft's hotel, Point Shirley, with new action can be taken at town meeting. one of his celebrated game suppers, and The matter will probably be straightened there were other festivities throughout the visit, which gave many opportunities for sosubscribed most liberally, and have no idea queathed to the Hon. John Bright, M. P., The great event of the visit was the re- which they have done so much to encourage.

are taking the gatta, which came off in the bay on Monday. ecially in the West, and intend to The fleet rendezvoused at Swampscott, and and all sorts of sailing craft, took down inply our own efforts, stimulate our on a course down to Minot's light, thence to back to Swampscott. The successful achooner. been paid, sufficient to insure the prospect Mr. Bright. was the Columbia, and of sloops the Gracie, of an early evacuation by the German army both New Yorkers. The Dauntless came in of occupation. The trials of the communist second of the schooners, and the Sappho the Do you keep constantly in mind third. The shortest time made was five republican sentiment remains strong in the the regatta, and it is considered the grande yachting event that has ever taken place in our waters. The New Yorkers returned homeward, fuesday morning, entirely pleased

> t on foot in England for the better pro-etion of ocean navigation between America numbering some fifteen thousand, united to were 10,156,369 bushels in excess of the re-were injured. ing greater and greater with the yearly in crease of traffic, and the proposed plan, it is other ceremonies. There has been some apthought, will diminish this risk infinitely. It is suggested that two parallel bands or zones be laid down, each sixty miles in width, the northern zone to be followed by northern sone will graze the southern end of plays, festive games, and a race between Newfoundland Banks, thus obviating the males dressed in quaint cost me with pails Newfoundland Banks, tous operating the dangers of running down Ishing-smacks and of water on their heads. In the procession style of hall reports, in which Miss A-

me spoken. It strikes a chord many itense memories. It was soil that the great drama opened edom and alavery, and there the carly assured to the cause of the feeding as State while the war for was in progress, it has marched satness with rapid strides. It is young giant among Common. Mr. Greeley places it at least a the list of the States, after a wears shall have established the position and prosperity of all. The Pacific railroad was a stroke of unpatient of the State, insuring its rapid.

Newfoundiand Danay And there the cocountering leebergs. Sailing vessels, it is scribed as below:

"One of the cars will earry a lady, representing Ancient Rome, as the mistrees of the world, escorted by twelve men dressed as Roman caraliers of the period. Another car will carry a lady, representing United Italy, seated upon a throng, and dressed in the robes of a Queen, with a crown upon her head and bearing a sceptre. At her feet will be seated another lady, dressed to represent Modern Rome, with be over the state, insuring its rapid.

Mining Disastra.—Another of the coal mines occurred at Pittston, Pa., on Monday There were eighten men in the mine, at the position and prosperity of all. The Pacific railroad was a stroke of unpatient of the State, insuring its rapid.

Newfoundisand dangers of running down J-hing countries as the second as below:

"One of the cars will earry a lady, representing United Italy, seated upon a throng, and dressed in the robes of a Queen, with a crown upon her head and bearing a sceptre. At her feet will be seated another lady, dressed to represent Modern Rome, with broken chains hanging from her arms. This car will be seconted by the Italian Colombo Gruard of the city, dressed to represent Modern Rome, with broken chains hanging from her arms. This car will be second and prosperity of all.

Taken in.—The Adams Transcript latt was the robes of the state, of several thousand inhabitance of the city of the state, of several thousand inhabitance of the city of the state, of several thousand in the

day recognized us the peer of them all. The proces of settling a new State is different from the old one; and it is accomplished with wonderful rapidity. In ten years Kanaas will boast of from one to two sall-lions of people within its limits.

— New York is fairly waking up to take active messages at the cholers.

— The Fair of the American Institute opens in New York on the 7th, of next month.

— The Emperor of Brazil is looking about head was worth to send them, and it was no listed was worth to send them, and it was no listed with into some purpose in England, with intent to use to attempt to communicate further with lions of people within its limits.

— New York is fairly waking up to take active messages at the cholers.

— The Fair of the American Institute opens in New York on the 7th, of next month.

— The Emperor of Brazil is looking about him to some purpose in England, with intent to carry home for his own people the advantages of which it is necessary for the principal government.

Among those which came in the fleet were on this important line of business has been Toward Alice he more especially inclined. 1869. the Dauntless, belonging to James Gordon temporarily postponed by reason of an un- Their first acquaintance ripened into friend-York Club; the Sappho, vice-commodore towns of the sums subscribed by them, into love. It was said at last that the pararch of events. The W. Douglass; Columbia, rear-commodore Northampton, Hadley and Amherst condiof events. The shown the idea, shown the idea, fillful modes of its and carry it out of the poetess's true love did not run smooth, naught, Capt. Samuels; and in oil there especially had an understanding that her for Griswold proved fickle and deserted her states will go into effect early in October.

States will go into effect early in October.

The practical interchange or postar true love did not run smooth, especially had an understanding that her for Griswold proved fickle and deserted her states will go into effect early in October.

The practical interchange or postar true love did not run smooth, especially had an understanding that her for Griswold proved fickle and deserted her states will go into effect early in October.

The Practical interchange or postar true love did not run smooth, especially had an understanding that her for Griswold proved fickle and deserted her states will go into effect early in October.

The New York squadros was in our was broken, and the United States will be understanding that her for another. certificate that the stock had all been duly and Alice, concealing her sorrows, kept The visit was the occasion of an inter- subscribed-that the road should pass herself more closely at home, and turned lower harbor, and the sight of the two fleets call was made for twenty per cent. in the heart of the metropolis. But his bedwas said to be most superb. Several of the subscriptions, the town treasurer of side was attended by a friendly presence, finest of the vessels came up and anchored Northampton asked Judge Hoar's advice be- his wants supplied with a tender care, and

> of permitting the failure of a line of road of by the late Dr. Smith, the United States it looks as if he might finally be sembly have been holding their sessions at James Smith, D. D., late pastor of First Versailles since the close of the war, and Presbyterian Church, Springfield, Ill., by arbritrator under the Treaty of Washington, on have devoted themselves assiduously to organizing the internal affairs of the republic.
>
> \*\*memorium of the high esteem in which he rancis Adams, on our side.\*\*
>
> \*\*Treesystem in the family of the late President Lincoln, in the part of Great Britain, to meet I memorium of the high esteem in which he rancis Adams, on our side. There is a strong disposition to extend the was held by him and them as their power of Thiers as head of the republic, alhough an actual vote has not been taken. the wish of President Lincoln that on the attracted crowds of visitors.

THE GRAIN TRADE .- Activity in exportprisoners, although frequently announced as about to begin, have not yet taken place. New York produce market. Every day the Several thousands are still in prison. The outflow of cereals increases. The engageountry, and the Bourbon, the Orleanist and prompt delivery, amount to about 427,000 conspartist parties, are too unimportant to bushels. The trade on the lakes is also have much influence in the Assembly. The very attractive. At Buffalo the receipts, esaffairs of the republic seem to move on very timating flour as wheat, during the of July, were nearly three million bushels — Goldsmith Maid has done well, but no bet-more than the receipts for the same month last year; and the receipts from the opening — I he one hundreth victim of the Westfield

celebrate the establishment of their national ceipts for the corresponding period in 1910. — Queen Victoria was take unity, on the 25th, by a procession and The shipments by canal show a correspond-

nited usually attends regation. This color was not cago has been driven out of the synagogue for upon worn by a Boston girl.

off the wharves, so that they were univer- fore he paid the money, and found that the his dying pillow smoothed by a gentle hand; sally admired by our citizens. The weather company could not legally give any such it was the hand of Alice Cary. She had forwas very fine during their stay, and the bonds as the town required. As so many given and forgotten all, and remained true to the old love.

> able gold headed staff formerly belonging to to the Hon. A. Lincoln-June, 1857;" and. on a gold ferule, " Presented to the Rev. was held by him and them as their pastor

cured at Centre Harbor, and the competitors were four young ladies, transient visitors at the place. The course was about a quarter of a mile, and the rape was a most interest-B—of Boston or alsowhere appears so the streets of Providence, and the citizens have charming. To the spectators howayer it been shooting them in self defence.

— We are now forward that there is a providence of the streets of Providence, and the citizens have charming.

— We are now forward that there is a providence of the speaks Bay orsigns becomes

with the Central Parific Railroad.

— The Mexicans continue to fight the Indians
after the old fashion.

women was spreading.

— Cincinnati is at sixes-and-sevens in the two branches of the city government, over the Sun-

days ago in Maryland. She never recovered this number a tale entitled The Eustace Diamonds, the opening chapters of which are very promising. - The weather in England is reported that for some time past, and favorable for all the growing crops.

- The weather in England is reported that for ceived from the Loosard Scott Publishing Company, 140 Fulton st. New York. Its list of

"Pius the Great" and a throne of gold to the Pope, who has thought it proper to decline both Whitman, The Genesis of Free Will Doctrine. with considerable emphasis.

— Gambetta is struggling vigorously to attain

Army Organization, Early English Literature.

hibiting popular processions in streets.

— Chief Justice Cookburn has been appointed a year ago. Lee & Shepard have it.

-The display of the New York Yacht squad-

A large portion of the war indemnity has been paid, sufficient to insure the prospect of an early evacuation by the German army

The wish of President Lincoln that on the lattice clowd of the staff should, go to heavily on the Buffalo races, jumped off the bridge into the river above Niagara Falls. He -The Gulick boat club of New York disp

lions of people within its limits.

In the Court. Mr. Lowe, the American Minister, the court of the Court. Mr. Lowe, the American Minister, the court of the Court. Mr. Lowe, the American Minister, the court of the Court. Mr. Lowe, the American Minister, the court of the State have been carried out so far with pensions of 1812 will be four million attack was not for the refusal to negotiate, invitation of the Eastern (Mass.) Yacht Club, took place last week. The New York Club, took place last week. The New York field on the boats. The documents captured to the State have been carried out so far with pensions of 1812 will be four million attack was not for the refusal to negotiate, invitation of the Eastern (Mass.) Yacht Club, took place last week. The New York field on the boats. The documents captured to pay at the pensions of 1812 will be four million dollars, and the whole pension list of the carry home for his own paople the advantages of his foreign travels.

—The military excamplents at this end of the State have been carried out so far with pensions of 1812 will be four million attack was not for the refusal to negotiate, invitation of the Eastern (Mass.) Yacht Club, took place last week. The New York of the State have been carried out so far with pensions of 1812 will be four million dollars, and the whole pension list of the carry home for his own paople the advantages of his foreign travels.

—The military excamplents at this end of the stray home for the pensions of 1812 will be four million attack was not for the refusal to negotiate, be nominally convoked to discuss an alto-Goulds which it is necessary for the principal carry home for the carry home for the pensions of 1812 will be four million attack was not for the same to some purpose in the source of the stray home for the pension of 1812 will be four million attack was no to pursue. Some general mode of dealing possibly some modification of the existing lew in England which makes that country the refuge and the base of operations for revolutionists of this character will be agreed upon. Such a course, however, will lead to

great and perhaps dangerous political ex-PUBLICATIONS RECRIVED.

articles is. Relitious Life and Tendencies is

Abeliard, the Republicans of the Commonwealth in Army Organization, Early English Literature.

The Government and the Laberal Party, Answith the teles, The Method of Political Economy. Contemporary Literature.

The More many organization, Early English Literature, Contemporary Literature.

The Method of Political Economy. Contemporar

WARRIAGES.

BEEF CATELE. PER SCHORED POUNDS THE TOTAL WHIGHT

White & Stevens sold 45 to Chamberlin, average weight 1375 lbs, at 7c 4p 1b live weight. Heath & Monroe sold 58 to Dana, average weight 1346 lbs, at 64c 4 lbs, live weight. Salisbury & Swift sold 6 to Holmes, average weight 1432 lbs at 64c 4 lb, live weight; 6 to Holmes, average weight 1452 lbs at 64c 4 lb, live weight; 6 to Holmes, average weight 1452 lbs at 64c 4 lbs.

As to face in the second of th

| Solution | Solution

omb & Davis sold 1 1 pr girth 6 ft 1 in \$130, STORE CATTLE. \$19@20; two years old \$15@28;

SHEEP AND LANDS.

NEW REDFORD OIL MARKET.

regreat Fair under their own control, the first severes public criticisms.

Club, took place last week. The declarates apparent fair under their own control, the ficient managers who have conceived, at the corean government had been severes public criticisms.

Club, took place last week. The declarates apparent had been control of their best criticisms.

Club, took place last week. The corean government had been control of their best criticisms.

Club, took place last week. The corean government had been criticisms.

Club, took place last week. The corean government had been criticisms.

Club, took place last week. The corean government had the corean government had arred Pages 1003 ... asch.

Club, took place last week. The corean government had the corean government had arred Pages 1003 ... asch.

Club, took place last week. The corean government had the corean government had arred Pages 1003 ... asch.

Club, took place last week. The corean government had the corean government had the corean government had the they conditions.

Ticking all than thirty-five millions.

SALR OF STOCKA

THE SCOTT CENTENARY The great national and literary fee

commemoration of the one hundred lebrated at Edinburgh, and other n Scotland on the 9th. It attracted of strangers, and it was estimated the were a quarter of a million in Ed sions. Among them were those w eminent in literature, and civil positi luding of course a large number of hility, all assembled to do honor to th eminent literary worker that Scot oduced. Scotch Firs were chimed ells in all the churches, and salut fired at daylight, noon and sunset, various parts of the city. The cele augurated by the centenary commi the city councils and general public, co of a banquet in the Corn Exchange, hibition and a public procession. cession was accompanied by bands dre resent characters in Scott's novel hed through the principal streets city. The monuments were festoone evergreens and flowers. The America and the motto of the Scott family, well," were displayed everywhere.

Rarl Dalkeith, the eldest son of Buccleuch, the head of the Scott presided at the banquet. The toasts in the memory of Sir Walter Scott, city of Edinburgh," "Abbotsford," versity of Edinburgh," and " sister ce tions." Replies to the toasts were ma the Dean of Westminster, Baron Laws Sir John Bernard Burke, Earl Dali Lord Jerviswood, Earl of Dalhouis Henry Crawford Pollok and Lord P Wm. Law. Similar celebrations were at Glasgow and Aberdeen. The Es Dalkeith forwarded from the banque various complimentary messages to A and elsewhere throughout the worl which replies were received. Races place during the afternoon for the " W y" Handicap, Centenary Gift and Ab ford Goblet. All the time honored S. games were also played and participat w many athletes of the country. theatres the music played for so days was exclusively Scotch. eather was delightful throughout the The following telegram was sent to

EDINBURION, AUG. 9-8 A. Right Honorable Earl of Dalkeith, Edinburion to His Excellency U. S. Grant, Preside the United States, Washington:
The proceedings of the National Celebra of the Centenary of Sir. Waiter Scott, in eity of his birth, ase on the ever of beginn Many distinguished Americans have acce our invitations. We offer congratulations to American people through their President, Grant, himself of Scotta descent. May las triencable subsists between them and the U. States. An answer to be read at the Nat Festival, is carnestly requested. EDINBURGH, AUG. 9-8 swer to the presiding officer of the centennial celebration at Edinburgh.

Lone Branch, N. J., Acc. 10, 1
To the Right Holorable the Earl of Dall
Edinburgh, Scotland:
Uwing to my absence from home, I did n
caive your constraintions. riendship for the American people in is a reply 5 or read at the centering the office of the American thought you commemorate. The American who have been instructed and edit Walter Scott's works of history, poet tion, will highly appreciate your cordinates of friendship, and reciprocate taincerity. (Signed)

erence to the Society of Friends in G Britain. Their numbers, steadily on the cline for years, have now fallen to 14,0 not members of the society, attend its me ings for worship. Fifty-two marriages to place in the society last year-a smal nu outsiders, had the wedding ceremony p formed in other than Quaker meetings. society gained by 274 births during in plain terms, expusion. To bala

IMPORTANT CONVENTION OF AGRICULT RISTS.—A Convention has been called neet in Chicago, Aug. 24, to be compos of the President of Agricultural College of the United States and British Prov who are engaged or interested in promoagricultural acience, for the nurpose of anizing, consulting and co-operating in t ural knowledge and education, espec y experiments with similar crops un by a number of the leading Presidents as rofessors of Agricultural Colleges in th

Secretary of the Treasury yest TREASURY DEPARTMENT, Aug. 10, 1

CATTLE MARRET.

CATTLE MARKET.

OIL MARKET.

HEN MARKET.

ing Aug. 18, 1871.

CY MARKET.

eni and Mutter

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FRUIT.

RICES.

MARKET.

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.. 25 0160

1 300

REST.

STOCKA

ormed in other than Quaker meetings. The solicty gained by 274 births during the rest, and lost by 270 deaths; in addition to the latter cause there was a loss of 76 members by resignation, and of 24 by "disownment" in plain terms, expu sion. To balance those losses, 127 persons joined the society by "convincement"-a considerable number seeing that the Quakers do not seek to make proselytes.

IMPORTANT CONVENTION OF AGRICULTU-1878.-A Convention has been called to meet in Chicago, Aug. 24, to be compos d of the President of Agricultural Colleges, Professors of Agriculture, and other persons of the United States and British Provinces who are engaged or interested in promoting agricultural science, for the purpose of ormizing, consulting and co-operating in the freat work of advancing the cause of agritural knewledge and education, especially r experiments with similar crops under similar conditions at all the Agricultural Colleges in the country. The call is signed by a number of the leading Presidents and ofessors of Agricultural Colleges in the United States and Canada.

THE NEW LOAN-Circular to National Banks e Secretary of the Treasury yesterday ad-essed the following to the National Banks: TREASURY DEPARTMENT, Aug. 10, 1871.

TREASURY DEPARTMENT, Aug. 10, 1871.

TREASURY DEPARTMENT, Aug. 10, 1871.

Tr.—I take the liberty to inform you that angements have been made for the disposal of remainder of the bonds offered by the Secretor of the Prissary on the 28th of February last, ag about \$130,000,000. The arrangement is eject to the condition that the National Banks the United States shall have an opportunity thin sixty days from this date to subscribe for sams not exceeding \$50,000,000 in all. The list making or obtaining subscribing payable this making or obtaining subscribing payable atter or the United States bonds of attes for the security of such deposits. Innencement of each month notice of the redemption of an amount of to the amount of subscription in proceeding monthly interest, to cease is from the date of such notices. As

respectfully, GEORGE S. BOUTWELL, Secretary. he following letter was yesterday sent to the its, heretofore designated, for the sale

> SMENT FINANCIAL MATTERS. - TH HENT FINANCIAL MATTERS.— The soft the Treasury for the fiscal year 20, 1871. (tucluding \$149,505,807, the taining June 50, 1870,) were \$552,829,-ch \$206,270,408 were from Castoms, from Internal Revenue, \$2,288,646 public lands, \$81,566,786 from miservices. The total net expenditures time were \$422,912,235, of which were for the civil and miscellaneous p.991 for the army; \$41,870,892 for Inpusions; \$19,481,027 for the navy; of the index of the

of extra quarters' pensions falling due e year.

ternal Revenue receipts yesterday were Subscriptions to the new loan, \$50,000.

merican combination of banks and which subscribes for ten milliens of the per cent. loan, is composed of Jay Cooke First & Hatch, Vermilye & Co., Henry Co., Leonard, sheldon & Foster, the First National Bank of Philadelphia, and the tional Bank of Washington.

The strength of the stre

THE ROTT CENTRALY

The part sent of the March Point is a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, we will be a sent of the March Point, and will be a sent of the

HOTTENTOTS BREN GATHERING BUCHU LEAVES AT THE CAPE OF GOOD HOPE FOR

H. T. HELMBOLD.

BUCHU.

[From Dispensatory of the United States.]

DIOSMA CRENATA ... BUCHU LEAVES.

PROPERTIES.

MEDICAL PROPERTIES AND USES.

HELMBOLD'S EXTRACT BUCHU

HELMBOLD'S EXTRACT BUCHU

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# Editorial

VOLUME XXX

MASSACHUSETTS PLOUGHM

Official Organ of the N. E. Agricultural Soc DAURD WHEELY AT 11 & 52 North Market Street, OKO, NOYKS, Proprietor and Publisher \$3.50 per annum in advance. \$3.0 n advance. Single copies SIX CENTS.

LEAVES AS FOOD ernose as lungs for the plant, and show heir color and their size that they are which would otherwise be lost. Now as gathering of these leaves seems at the to involve considerable work in propoto the amount of substance they see

noment and consider whether they will The leaves of most plants contain a l ner cent, of saline compounds which take up from the soil, and it must be mitted that they furnish a large amount excellent food. If you take an armf mangold leaves, as many as a man can carry, and place them before two or the cows, they will disappear with wonder We have tried it repeatedly, must confess at times with some misgi-

amine into their composition, and to no the effect which they had upon the incre of milk after a few liberal feedings, and pecially the richness which they impar Alb rt Model Farm, near Dublin, in 1 where it was found that forty quarts of m of cows fed on rye grass alone, yielded the pounds and five ounces of butter, while same amount of milk from the same o

as to the economy of it, till we began to

fed on mangold leaves and pasture gra yielded three pounds and fourteen ounc and when fed on mangold leaves alone, same quantity of their milk yielded f pounds of butter. The results of these carefully tried expe ments are certainly striking, but it must remembered that the ash of the straw s

leaves of all kinds of grain is decided richer in saline matters than the grain itse The leaves of most plants are richer in phe phates than other parts of the plant, and is these that contribute so largely to bu up the bony frane of the animal. The moo that formerly ranged through the forests New England grew up to immense size, feed chiefly on leaves and browse, and that gia of an antediluvian, the mastodon, lived the branches and leaves of trees. This fo could not have made such a massive fram But what we observe in nature and

results of practical experience in the feeding of stock, is confirmed by the investigation of science. For bouseingault, a distinguish French chemist, analized the root and t leaves of the mangold, finding in the form only 1.66 per cent. of nitrogenous or musc forming matter, while the leaves contain per cent. That is a remarkable r sult, a shows the great value of the leaves or follows age of plants; and it seems to show the the practice of stripping off the older leave of cabbages, mangolds, etc., as soon as the special functions are accomplished, is desir ble. But they must not be taken off befor If removed too soon, they produce a sort consumption, just as the loss of a portion of the lungs of a man leads to this disease. About the middle of September is as early as it wise to begin to pluck the leaves, and the to turn yellow, showing that they no longe serve the purpose of elaborating sap, the are to be taken. Between that time and the list of October, when it is time to pull the mangold, the leaves can be stripped off two or three times without apparent injury to th

This crop of leaves is one of the great ad vantages of raising mangolds and cabbages as it comes in at a very convenient seasor helps save the second crop on the mowing lote and also helps out the milk in the fall It is best to take the leaves in regular rows through the piece. All cattle are fond of them, but they are as useful to milch cow as to any other animals. Feed cabbage leaves directly after milking, rather than before. They will sometimes flavor the milk a little if fed at other times.

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